



[54] METHOD OF PREPARING REDUCED FAT FOODS

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[58] Field of Search ..... 127/36, 38, 40, 69, 127/70, 71, 1

[56] References Cited

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Table of foreign patent documents with columns for number, date, country, and reference number.

(List continued on next page.)

OTHER PUBLICATIONS

J. Jane et al., "Preparation and Properties of Small-Particle Corn Starch", Cereal Chemistry, vol. 69, pp. 280-283 (1992).

Tegge, "Produkte der sauren Stärkehydrolyse", Die Stärken, pp. 244-246 (1981). (English translation).

"Avicel RC in canned foods", bulletin No. RC-31, FMC Corp. (May 1972).

(List continued on next page.)

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[57] ABSTRACT

A food formulation having a reduced level of fat and/or oil is provided. The food formulation is a mixture of a foodstuff and a fragmented, amylopectin starch hydrolysate as a replacement for at least a substantial portion of the fat and/or oil of said food formulation.

27 Claims, 4 Drawing Sheets

